

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with *Robert K. Goethals (36,813)* on 27 August 2010.

The application has been amended as follows:

IN THE CLAIMS

Claims 1 through 158: Cancelled.

Claim 159: A portable tunneling storage and processing apparatus, comprising:

(a) a conduit for external communications configured to enable the transmission of a plurality of communications between the portable apparatus and a terminal comprising a terminal processor, a first input component, a first output component comprising a display device, and a network interface configured to enable the terminal to communicate with at least one network server, wherein the conduit for external communications is a universal serial bus conduit;

(b) a processor; and

(c) a memory configured to communicate with the portable apparatus processor, wherein the memory has a unique apparatus identifier and a plurality of processing instructions stored thereon, including:

(1) a first set of processing instructions, which when executed by the terminal processor, enables a user to employ the first input component and the terminal

display device to interact with the portable apparatus and provides the portable apparatus with access to the terminal network interface;

(2) at least one processing instruction, which when executed, causes an interactive user interface to be presented on the terminal display device, wherein the interactive user interface is configured to enable the user to:

(i) cause the portable apparatus processor to execute a set of processing instructions stored on the portable apparatus memory; and

(ii) cause the portable apparatus to transmit a request to access a server; and

(3) at least one processing instruction, which when executed by the portable apparatus processor in response to receiving a command resulting from user interaction with the interactive user interface, (i) causes the portable apparatus processor to execute a second set of processing instructions stored on the portable apparatus memory and effect the display of processing activity of the second set of processing instructions on the terminal display device, and (ii) causes the portable apparatus to transmit a request to access a server;

wherein the portable apparatus is configured to communicate with the terminal and to communicate through the terminal network interface with a server, and

wherein the portable apparatus processor is configured to facilitate the storage of encrypted data on the portable apparatus memory, encrypt communications transmitted by the portable apparatus, and decrypt encrypted communications received by the portable apparatus.

Claim 160: The portable apparatus of 159, wherein the plurality of processing instructions stored on the portable apparatus memory includes a third set of processing instructions, which when executed, presents the interactive user interface on the terminal display device.

Claim 161: The portable apparatus of claim 160, wherein the third set of processing instructions is executed by the portable apparatus processor.

Claim 162: The portable apparatus of claim 160, wherein the third set of processing instructions is executed by the terminal processor.

Claim 163: The portable apparatus of claim 159, wherein the portable apparatus is configured to employ a security protocol to encrypt communications transmitted by the portable apparatus.

Claim 164: The portable apparatus of claim 163, wherein the security protocol is selected from the group consisting of checksum, Data Encryption Standard (DES), Elliptical Curve Encryption (ECC), International Data Encryption Algorithm (IDEA), Message Digest 5 (MD5) passwords, Rivest Cipher (RC5), Rijndael, RSA, Secure Hash Algorithm (SHA), Secure Socket Layer (SSL), Secure Hypertext Transfer Protocol (HTTPS) and the like.

Claim 165: The portable apparatus of claim 159, wherein the portable apparatus is configured to employ a cryptographic technique to encrypt communications transmitted by the portable apparatus.

Claim 166: The portable apparatus of claim 165, wherein the cryptographic technique is selected from the group consisting of digital certificates, digital signatures, dual signatures, enveloping, password access protection, public key management and the like.

Claim 167: The portable apparatus of claim 159, wherein the portable apparatus is configured to employ the unique apparatus identifier to encrypt communications transmitted by the portable apparatus.

Claim 168: The portable apparatus of claim 159, wherein the portable apparatus memory is configured to store user authentication information.

Claim 169: The portable apparatus of claim 168, wherein the plurality of processing instruction stored on the portable apparatus memory includes a fourth set of processing

instructions, which when executed, performs user authentication based on a comparison of user authentication information inputted by a user and user authentication information stored on the portable apparatus memory.

Claim 170: The portable apparatus of claim 159, wherein the terminal comprises a video memory and the display of the processing activity of the second set of processing instructions on the terminal display device occurs directly on the terminal video memory.

Claim 171: A method implemented on a portable apparatus comprising a processor, a memory having a unique apparatus identifier and a plurality of processing instructions stored thereon, and a universal serial bus conduit for enabling the transmission of a plurality of communications between the portable apparatus and a terminal comprising a terminal processor, an input component, an output component comprising a display device, and a network interface configured to enable the terminal to communicate with at least one network server, the method comprising:

(a) providing the terminal with access to a first set of processing instructions stored on the portable apparatus memory, which when executed by the terminal processor, enables a user to employ the first input component and the terminal display device to interact with the portable apparatus and provides the portable apparatus with access to the terminal network interface;

(b) executing at least one processing instruction stored on the portable apparatus memory to cause an interactive user interface to be presented on the terminal display device, wherein the interactive user interface is configured to enable the user to:

(1) cause the portable apparatus processor to execute a second set of processing instructions stored on the portable apparatus memory; and

(2) cause the portable apparatus to transmit a request to access a server;

(c) executing a second set of processing instructions stored on the portable apparatus memory in response to receiving a command resulting from user interaction with the interactive user interface;

(d) transmitting a communication through the terminal network interface to request access to a server in response to receiving a command resulting from user interaction with the interactive user interface;

(e) effecting the display of processing activity of the second set of processing instructions on the terminal display device;

(f) facilitating the storage of encrypted data on the portable apparatus memory;

(g) encrypting communications transmitted by the portable apparatus; and

(h) decrypting encrypted communications received by the portable apparatus.

Claim 172: The method of claim 171, further comprising executing a third set of processing instructions stored on the portable apparatus memory to present the interactive user interface on the terminal display device.

Claim 173: The method of claim 172, further comprising executing the third set of processing instructions on the portable apparatus processor.

Claim 174: The method of claim 172, further comprising executing the third set of processing instructions on the terminal processor.

Claim 175: The method of claim 171, further comprising employing a security protocol to encrypt communications transmitted by the portable apparatus.

Claim 176: The method of claim 171, further comprising employing a cryptographic technique to encrypt communications transmitted by the portable apparatus.

Claim 177: The method of claim 171, further comprising employing the unique apparatus identifier to encrypt communications transmitted by the portable apparatus.

Claim 178: A non-transitory computer readable medium containing a plurality of processing instructions to be executed by a computer system comprising a portable device and a terminal, the portable device comprising a universal serial bus conduit for enabling the transmission of a plurality of communications between the portable apparatus and the terminal, a processor and a memory configured to communicate with the processor, and the terminal comprising a terminal processor, an input component, an output component comprising a display device, and a network interface configured to enable the terminal to communicate with at least one network server, the plurality of processing instructions comprising:

(a) a first set of processing instructions, which when executed by the terminal processor, enables a user to employ the first input component and the terminal display device to interact with the portable apparatus and provides the portable apparatus with access to the terminal network interface;

(b) at least one processing instructions, which when executed, causes an interactive user interface to be presented on the terminal display device, wherein the interactive user interface is configured to enable the user to:

(1) cause the portable apparatus processor to execute a set of processing instructions stored on the portable apparatus memory; and

(2) cause the portable apparatus to transmit a request to access a server;

(c) at least one processing instruction, which when executed by the portable apparatus processor in response to receiving a command resulting from user interaction with the interactive user interface, (1) causes the portable apparatus processor to execute a second set of processing instructions stored on the portable apparatus memory and effect the display of processing activity of the second set of processing instructions on the terminal display device, and (2) causes the portable apparatus to transmit a request to access a server; and

(d) at least one processing instruction, which when executed by the portable apparatus processor, facilitates the storage of encrypted data on the portable apparatus memory, encrypts communications transmitted by the portable apparatus, and decrypts encrypted communications received by the portable apparatus.

Claim 179: The non-transitory computer readable medium of claim 178, wherein the at least one processing instructions, which when executed, causes an interactive user interface to be presented on the terminal display device comprises a third set of processing instructions, which when executed, presents the interactive user interface on the terminal display device.

Claim 180: The non-transitory computer readable medium of claim 179, wherein the third set of processing instructions is executed by the portable apparatus processor.

Claim 181: The non-transitory computer readable medium of claim 179, wherein the third set of processing instructions is executed by the terminal processor.

Claim 182: A tunneling, storage and processing system implementing a terminal having a terminal processor, an input device, an output device comprising a display device, and a network interface configured to enable the terminal to communicate with at least one network server, the system comprising:

(a) a server comprising a storage device; and

(b) a portable apparatus comprising a universal serial bus conduit for enabling the transmission of a plurality of communications between the portable apparatus and the terminal, a processor and a memory configured to communicate with the processor, wherein the memory has a unique apparatus identifier and a plurality of processing instructions stored thereon, the portable device configured to:

(1) provide the terminal with access to a first set of processing instructions stored on the portable apparatus memory, which when executed by the terminal processor, enables a user to employ the first input component and the terminal display device to interact with the portable apparatus and provides the portable apparatus with access to the terminal network interface;

(2) execute at least one processing instruction stored on the portable apparatus memory to cause an interactive user interface to be presented on the terminal display device, wherein the interactive user interface is configured to enable the user to:

(i) cause the portable apparatus processor to execute a second set of processing instructions stored on the portable apparatus memory; and

(ii) cause the portable apparatus to transmit a request to access a server;

(3) execute a second set of processing instructions stored on the portable apparatus memory in response to receiving a command resulting from user interaction with the interactive user interface;

(4) transmit a communication through the terminal network interface to request access to a server in response to receiving a command resulting from user interaction with the interactive user interface;

(5) effect the display of processing activity of the second set of processing instructions on the terminal display device;

(6) facilitate the storage of encrypted data on the portable apparatus memory;

(7) encrypt communications transmitted by the portable apparatus; and

(8) decrypt encrypted communications received by the portable apparatus.

Claim 183: The tunneling, storage and processing system of claim 182, wherein the portable apparatus is configured to execute a third set of processing instructions stored on the portable apparatus memory to present the interactive user interface on the terminal display device.

Claim 184: The tunneling, storage and processing system of claim 182, wherein the portable apparatus is configured to cause the terminal processor to execute a third set

of processing instructions stored on the portable apparatus memory to present the interactive user interface on the terminal display device.

Claim 185: The tunneling, storage and processing system of claim 182, wherein the portable apparatus is further configured to employ a security protocol to encrypt communications transmitted by the portable apparatus.

Claim 186: The tunneling, storage and processing system of claim 182, wherein the portable apparatus is further configured to employ a cryptographic technique to encrypt communications transmitted by the portable apparatus.

Claim 187: The tunneling, storage and processing system of claim 182, wherein the portable apparatus is further configured to employ the unique apparatus identifier to encrypt communications transmitted by the portable apparatus.

Allowable Subject Matter

2. Claims 159 through 187 are allowed.
3. The prior art of record, taken singly or in combination, fails to teach or suggest a method, apparatus and a system for portable tunneling storage and processing apparatus comprising: a universal serial bus conduit for external communications, (b) a processor; and (c) a memory configured to communicate with the portable apparatus processor, wherein the memory has a unique apparatus identifier and a plurality of processing instructions stored thereon, including: (1) a first set of processing instructions, which when executed by the terminal processor, enables a user to employ the first input component and the terminal display device to interact with the portable apparatus and provides the portable apparatus with access to the terminal network interface; (2) at least one processing instruction, which when executed, causes an interactive user interface to be presented on the terminal display device, wherein the

interactive user interface is configured to enable the user to: (i) cause the portable apparatus processor to execute a set of processing instructions stored on the portable apparatus memory; and (ii) cause the portable apparatus to transmit a request to access a server; and (3) at least one processing instruction, which when executed by the portable apparatus processor in response to receiving a command resulting from user interaction with the interactive user interface, (i) causes the portable apparatus processor to execute a second set of processing instructions stored on the portable apparatus memory and effect the display of processing activity of the second set of processing instructions on the terminal display device, and (ii) causes the portable apparatus to transmit a request to access a server; wherein the portable apparatus is configured to communicate with the terminal and to communicate through the terminal network interface with a server, and wherein the portable apparatus processor is configured to facilitate the storage of encrypted data on the portable apparatus memory, encrypt communications transmitted by the portable apparatus, and decrypt encrypted communications received by the portable apparatus.

4. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should" preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to ASGHAR BILGRAMI whose telephone number is (571)272-3907. The examiner can normally be reached on 9-5.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Tonia L.M. Dollinger can be reached on 571-272-4170. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/A. B./
Examiner, Art Unit 2443

/George C Neurauter, Jr./
Primary Examiner, Art Unit 2443